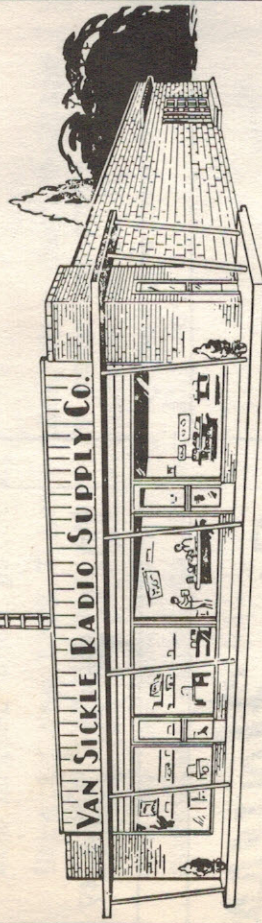
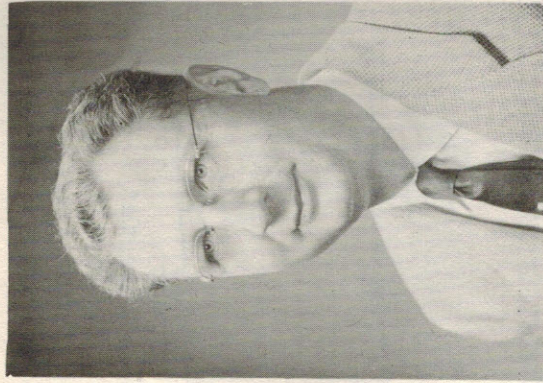


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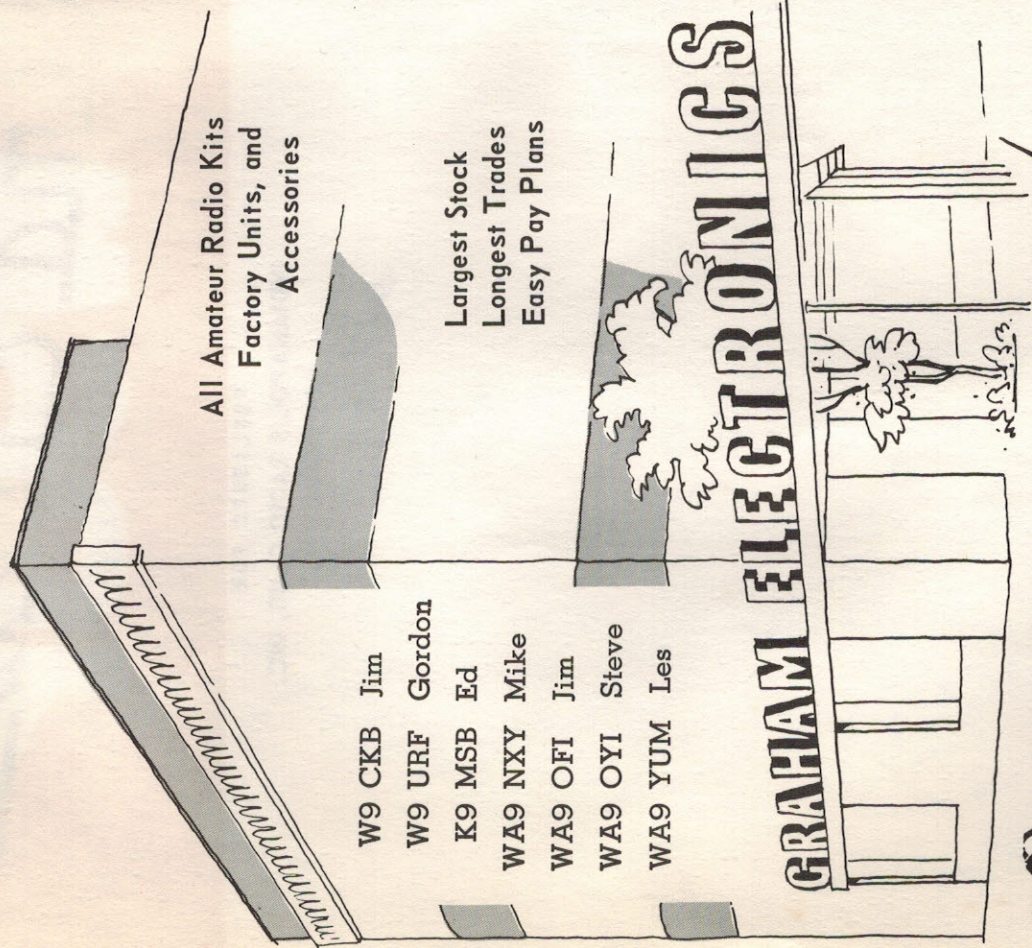
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AMA-CHEWER

October- OK, so we're a little late. 1968

Ama-Chewer is published monthly by and for the members of the Indianapolis Radio Club and all amateurs in the Indianapolis area. The publication is mailed to all members and subscribers. Non-members may subscribe for \$1.50 per year.

The Indianapolis Radio Club meets on the second and fourth Friday nights of each month except July and August, in the Indianapolis Park Board Bldg. at 29th and Harding Sts. Guests are welcome, and only an interest in amateur radio is necessary to attend. Meetings start promptly at 8:00 P.M. E.S.T.

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Permission is granted to reprint any part of Ama-Chewer, provided credit is given. News from other clubs is welcome, and will be printed if received before the first Friday of the month.

Program Review

Sept 13th- A Bell Telephone Company film entitled "Similarities in Wave Behavior" was shown. This was an exceptional film and showed mechanically how waves were propagated and how they responded to various stimuli.

Sept 27th- Art Schultz, W9BR gave a talk on Zener diodes. Leaving out the esoteric solid state theory, Art gave a down to earth explanation on how to use Zener diodes, illustrated with many examples of how to figure the parameters of circuits using these amazing little devices. Art also discussed unusual and novel uses and applications where Zeners could be used.

Program Preview

Don't forget the IRCC meeting at Atherton Hall, Butler University on Oct., 13th.

Sorry, I don't have definite dates on programs yet, but many good ones are in the works. We are trying to get Al Strickland back, I am twisting Dick Judkins arm daily for a repeat performance, we are trying to arrange a meeting at the Red Cross for a tour of their facilities, (maybe a demonstration of mouth-to-mouth resuscitation by a beautiful blonde), an inspection tour of RCA, and we are always open to suggestions. I can't see how you can afford to miss a single meeting, for fear of missing a really worthwhile program.

Here's a puzzler from the Scottsdale, Ariz, SARC-SPARK that Marsh mails me occasionally. I have a signal generator with an int. imp. of 50 ohms. It has an output open circuit level of one volt. I connect it to a $\frac{1}{4}$ wavelength of 50 ohm transmission line. What voltage do I measure at the open end? If the line is $\frac{1}{4}$ wave long? Sorry, I don't have the answer, check with Ray Forbes.

Twenty Years Ago

The club visited RCA TV manufacturing plant at LaSalle and Michigan Sts. A vote on a proposed constitutional change was to take place at the business meeting increase the number of directors to 13, with the object being to take business out of the club meetings. An auction was planned for the meeting of Oct., 15th. (I'll bet some of the stuff that was sold that night is still showing up at auctions.)

The club visited the Indianapolis Bleaching plant on the river and W. Wabash, and my nose is still itching from the cotton fuzz I inhaled that night.

Dr. Emery Miller, of Ransberg Electro-coating Company, talked on printed circuits at the meeting on Oct., 29th, and illustrated his lecture with Bureau of Standards slides.

Jim Sugioka announced the arrival of Linda Faith Sugioka, and passed out seegars at the meeting. Harry Butler also was bragging about the arrival of James Harris Butler, who arrived a few days early and spent some time in an incubator, but was reported home and keeping Harry up during the days. (Harry was on the night shift at the time.) Harry also reported working W9JTY, Max Stout on 14,050 MM.

Marsh sends me the following one line filler. "One line fillers are hard to find." How's that for stretching out a one line filler to fill four lines? If you guys would send me some items of interest, you wouldn't have to read tripe like this!

Your mind is like a parachute, it works best when open.

Don't forget the Indianapolis Radio Club Annual Award Dinner Oct., 25, 1968, and your nomination for the Award recipient.

Splatter

Gary Hughes, K9LNX reports operation of a Ioran xmtr. at Dana, In., operating with 450 KW. on 100Kcs. They hold freq. to 2.5x10¹³. Gary is working on a rcvr to use on this station, which should make a very accurate freq. reference.

Louie Linthecome, K9EAT won another first prize at Cincinnati for the most original QSL card. Louie also won first prize at Louisville Ham Kenvention for the best homebrew project. All of you who were present at our Homebrew nite last spring, saw Louie's masterpiece.

Bill Lueth, W9AI is now in the process of assembling a Heath-Kit HW-100 transceiver. The rcvr worked at the first application of power, but the transmitter had a couple of bugs that needed straightening out.

Commercial exams will be held at Indianapolis on Nov., 12, 13, & 14. Amateur exams on Nov., 15 at Room 526 Federal Bldg. It is necessary to notify the FCC of your intent to take the exam at least 10 days in advance by writing them at 1872 U.S. Courthouse, 219 S. Dearborn St., Chicago, Ill. 60604, and enclosing the \$4.00 fee (for Amateur, all classes). They will in turn notify you at what time to appear.

Ralph Jones, an Esterline-Angus employee, and a student at Sam's Technical Institute is now a tech with call WA9ZTR. He is interested mostly in ATV and solicits aid in converting a Motorola hi-band FM to two meters. He lives at 1623 Dawson in S.E. Indpls. If you can help call him at 786-6851.

Q.W.C.A.

The Quarter Century Wireless Association is composed of over 4300 members in 38 chapters. Amateurs who have been licensed operators for a period of 25 years are eligible for membership. Any member can and will help an applicant become associated with the group. An entry fee of \$3.00 is required, with \$5.00 for 3 years dues.

This association had its inception Friday 14, 1947 on a ten meter band round table QSO. The first official meeting was on Dec., 5, 1947, attended by 35 hams in the New York city area.

The association has always taken an interest in affairs affecting the welfare of all hams everywhere. On-the-air parties and contests are sponsored, and regular rosters of membership, news, bulletins, etc. are sent via mail to members. Special association membership activities, meetings, and fellowship at ham conventions are usually to be found, with an area set aside for displays of special interest, and for visiting.

Some of the local hams who are members are;

- W9ER Art Schultz
- W9BUQ Bill Johnson
- W9DPL Howard Severeid
- W9GE Earl Anderson
- W9KCQ Bill Bradburn
- W9OVF Harry Butler
- W9UEM Charlie Campbell
- W9UTQ John Penn
- W9CL Dave Thompson

- de W9DPL

I hear that K9GCE and W9ZRX are planning another DX-pedition to Sint Maarten during the OCT-DX contest, but haven't been able to verify. How abt some dope on these activities, fellers?

Where were all the Hoosier hams during the Indiana QSO party? It looks like an out-of-stater, a WAØ portable 9, operating in Newton County, Indiana may have won. Worked him and got his QSO # 157. This event is sponsored by IRCC and could use more support next year, especially on the lower bands.

de W9OVF

Some of the local hams seen at the Louisville Ham Kenvention were W9DPL, W9ZTD, W9FZW, W9OVF, K9GCE, Ed White(Call?) and others at Graham's booth. On the program were Lew McCoy, W1 ICP of ARRL, Stu Meyer, W2GHK, Gus Browning, W4BPD, and our Hoosier Don Miller W9NTP who gave an ATV show, both fast and slow scan. Some one even had a demonstration on color TV!

de W9OVF

The local DX-ers attending the annual W9 DXCC meeting at Chicago on Sat. Sept., 14th were Art Schultz, W9BR, Les Bannon, W9ZTD, Claude Richie, W9TKV, Dave Zeph, W9ZRX, Joe Poston, K9GCE, Steve Hritsko, W9SFR, and Harry Butler, W9OVF. Guest speakers included Stu Meyer, W2GHK/4, Phil Haller, W9HPG, Central Division Director and Don Miller controversial DX figure.

de W9OVF

Ed. note; Harry told me that he didn't want to monopolize the paper, and was afraid that some would accuse him of trying to hog the limelight. Far from it Harry, I only wish that some of the rest of the guys would get off their lazy duffs and get a few items of interest to me. Thanks a lot to you Harry and all the rest who did contribute, and how about the rest of you? A postcard is only a nickel, my phone number is on page 1, or you can slip the scoop to me at club. I'm there, are you?

-6-

I just received the following goodie from the Sage of Wickenburg, Marsh Lincoln, W7DQS.

With only a 7 minute and an 11 minute "hour glass" to keep time, you wish to boil some eggs for 15 minutes.

You could start both timers, put the eggs on when the 7 minute timer runs out, invert the other timer when T=11, and the eggs will be ready when it runs out at T=22. But can the job be done faster?

Hint; Sure it can, stupid!

Just to keep you honest, I'll send the answer later!

de W7DQS

Ed note; It can be done, and no fair laying the hour glass on its side as I considered doing before I finally stumbled on the answer. Assistance from a stop watch is also out.

Noodle Nudger

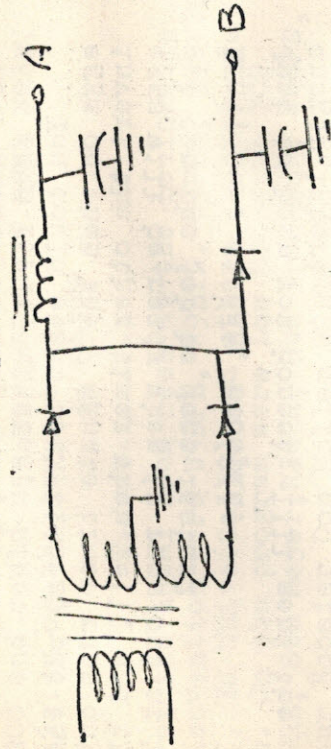
Wind a coil to get an inductance of say 10 mh. Now wind a second coil on the same form with the same number of turns as shown. The total inductance will be A- 5mh. B-20mh. C-40mh. D-80mh. Assume perfect coupling.

10mh. C 10mh
leeeeee

Answer to last month's Noodle Nudger; Marsh contributed this stinker without an answer. It has disrupted production at E-A ever since. I think I have an answer, but I would like to confer with someone who has a degree in logic before I make my solution public. I'll be glad to argue for an hour or so at club meeting some Friday with you.

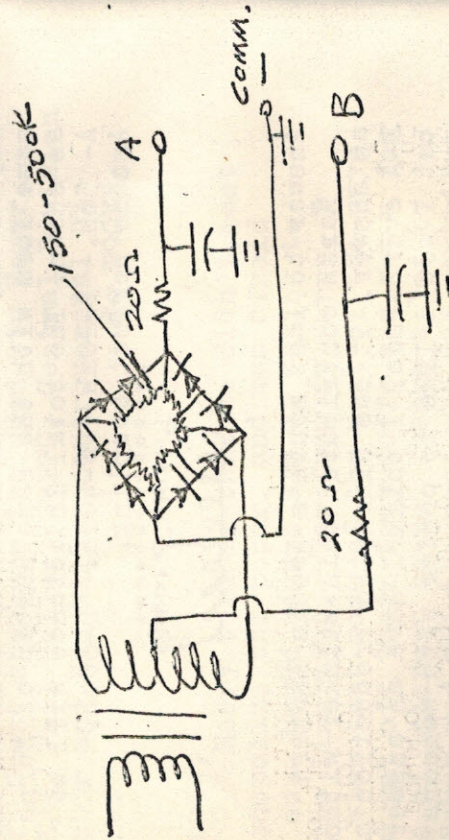
- 7 -

Here is a dual voltage power supply sent in by that perennial prize winner Louie Linthecome, K9EAT. Some of you may find it useful for rcvrs or low power xmtrs.



Louie says the voltage at point B is about 40% higher than point A.

Here is one that I have used as a dual voltage supply for my six meter fm rcvr and xmtr. Voltage at A is roughly twice that at B, but can be juggled either way by using choke or capacitor input to either filter.



de W9BS

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